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(A)		•		Application Number	10 / 702,155		
TRANSMITTAL FORM			Filing Date	11-05-2003			
			First Named Inventor	ELMER G. FRI	ELMER G. FRIDRICH		
(to be used for	(to be used for all correspondence after initial filing)			Art Unit	2879	2879	
				Examiner Name			
Total Number of	Total Number of Pages in This Submission 34			Attorney Docket Number	EF-101B		
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substitute (arms PERS) B/08a & PTO/SB/08b	Application Number	10/702,155
	Filing Date	11-05-2003
INFORMATION DISCLOSURE	First Named Inventor	Elmer G. Fridrich
STATEMENT BY APPLICANT	Art Unit	2879
	Examiner Name	
Sheet 1 OF 1	Practitioner Docket No.	EF-101 <i>B</i>

U.S. PATENT DOCUMENTS

Exam.	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Relevant Pages, Columns, Lines
Initials	No.	NoKind Code (if known)	MM-DD-YYYY	Cited Document	
	Α	US-3,626,236	12-07-1971	Robinson et al.	·
	В	US-3,894,227	07-08-1975	Pitkjaan et al.	
	B1	US-4,254,356	03-03-1981	Karikas	
	B2	US-4,389,201	06-21-1983	Hansler et al.	
	C	US-4,498,124	02-05-1985	Mayer et al.	
	D	US-4,524,302	06-18-1985	Berlec	
	E	US-4,580,199	04-01-1986	Wurster et al.	
	F	US-4,719,545	01-12-1998	Cano	
	G	US-4,727,449	02-23-1988	Fleck	
	Н	US-4,810,932	03-07-1989	Ahlgren et al.	
	I	US-5,088,012	02-11-1992	Burgess	
	J	US-5,077,645	12-31-1991	Habinak	
	K	US-5,138,228	08-11-1992	Thomas et al.	
	L	US-5,146,134	09-08-1992	Stadler et al.	
	M	US-5,239,231	08-24-1993	Grunder	
	N	US-5,446,336	08-29-1995	Gleixner et al.	
	0	US-5,896,004	04-20-1999	Feldman et al.	
	P	US-5,440,457	08-08-1995	Meyer	
	Q	US-5,896,007	04-20-1999	Dobiasch et al.	
	R	US-5,984,490	11-16-1999	Leen	
	S	US-6,133,676	10-17-2000	Chen	
	T	US-6,211,616-B1	04-03-2001	Takeuti et al.	
	U	US-6,367,949-B1	04-09-2002	Pederson	·

FOREIGN PATENT DOCUMENTS

Exam.		Foreign Patent Document Country Code-Number-Kind Code		Name of Patentee or Applicant of Cited Doc.	Relevant Pages, Columns, Lines	T
	V	WO98/14733	04-09-1998	Katougi et al.	Abstract, Figures	T

NON PATENT LITERATURE DOCUMENTS

No.	Name of author (ALL-CAPS), title of article, title of item, date, pages, vol-issue #, publisher, city and/or country where published.	T
	HAROLD WALLACE (Guest Editor for F.A. Furfari's "History" column), "A Different Kind of Chemistry: A History of Tungsten Halogen Lamps", IEEE Industry Applications Magazine, Vol. 7- #6 (Nov./Dec. 2001), IEEE, New York, NY. pgs. 10-17 (especially p. 16)	

Examiner	Signature	Date Considered